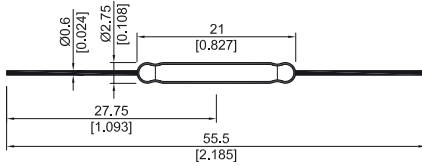


## DIMENSIONS

All dimensions in mm [inches]



## CHARACTERISTICS

- Glass length of 21.0 mm and diameter of 2.75 mm
- Normally open 1 Form A contact
- Switching voltage up to 1000 VDC
- Breakdown voltage up to 4.0 kVDC
- Switching current 1 A
- Carry current 2.5 A
- 100 W switching

## CONTACT DATA

All Data at 20 °C	Switch Model → Contact Form →	KSK-1A85... Form A			
Contact Ratings	Conditions	Min.	Typ.	Max.	Units
Switching Power*	Any DC combination of V and A not to exceed their individual max.'s			100	W
Switching Voltage	DC or peak AC			1	kV
Switching Current	DC or peak AC			1.0	A
Carry Current	DC or peak AC			2.5	A
Static Contact Resistance	at 0.5 V & 10 mA			150	mΩ
Dynamic Contact Resistance	measured w/ 0.5 V & 50 mA, 1.5 ms after closure			200	mΩ
Insulation Resistance cross Contacts	100 Volts applied	10 <sup>10</sup>			Ω
Breakdown Voltage	> 60 sec.	4			kVDC
Release Time incl. Bounce	100 % overdrive			1.0	ms
Release Time	measured with/ no coil suppression			0.1	ms
Capacitance	at 10 kHz across contact		0.2		pF
Test Coil		KMS-01			
Standard AT range		20		60	AT
<b>Environmental Data</b>					
Shock Resistance	1/2 sine wave for 11 ms			50	g
Vibration Resistance	10 - 2000 Hz			20	g
Ambient Temperature	max. 10 °C / minute allowance	-20		130	°C
Stock Temperature	max. 10 °C / minute allowance	-55		130	°C
Soldering Temperature	5 sec. dwell			260	°C
Note: The indicated electric data are maximum values can vary downwards when using a more sensitive switch. * For life expectancy see our test section on Page 120.					

## ORDER INFORMATION

Series	Contact Form	Switch Model	AT Range (between)
KSK -	1A	85 -	xxxx
Options			20 - 60

**Part Number Example** - KSK - 1A85 - 2030

**2030** is the AT range (Any AT can be ordered between 20 & 60 in a minimum range of 10 AT)